

Case No. GCSD-1299 (51370)

MS PATENT APPLICATION  
COMMISSIONER OF PATENTS  
P.O. BOX 1450  
ALEXANDRIA, VA 22313-1450

01576 U.S.PTO  
042104

Transmitted herewith for filing is the patent application of:

I HEREBY CERTIFY THIS PAPER OR FEE IS BEING DEPOSITED WITH THE U.S. POSTAL SERVICE "EXPRESS MAIL POST OFFICE TO ADDRESSEE" SERVICE UNDER 37 CFR 1.10 ON THE DATE INDICATED BELOW AND IS ADDRESSED TO: MS PATENT APPLICATION, COMMISSIONER OF PATENTS, P.O. BOX 1450, ALEXANDRIA, VA 22313-1450.

15439 U.S.PTO  
10/828585  
042104

Inventors: Timothy E. DURHAM  
James J. RAWNICK

For: **REFLECTOR ANTENNA SYSTEM INCLUDING A PHASED ARRAY ANTENNA OPERABLE IN MULTIPLE MODES AND RELATED METHODS**

Enclosed are:

Patent Application: 35 pages, 23 claims.  
12 sheets of drawings.  
 The suggested drawing figure to be published is FIG. 1.  
 A declaration and power of attorney.  
 An assignment of the invention to *Harris Corporation*.  
 Citation Under 37 CFR 1.97 and PTO-1449.  
 Assignee info:  
Name: Harris Corporation  
Address: 1025 West NASA Blvd.  
Melbourne, Florida 32919  
Corporation of the State of Delaware

The filing fee has been calculated as shown below:

|  | (Col. 1) |     | (Col. 2) |  | SMALL ENTITY |        |           | LARGE ENTITY |        |
|--|----------|-----|----------|--|--------------|--------|-----------|--------------|--------|
| FOR:   | # FILED  |     | # EXTRA  |  | RATE         | Fee    |           | RATE         | Fee    |
| BASIC FEE  |          |     |          |  |              | \$ 385 | <u>OR</u> |              | \$ 770 |
| TOTAL CLAIMS   | 23       | -20 | 3        |  | X 9          | \$     | <u>OR</u> | X 18         | \$ 54  |
| INDEP CLAIMS   | 3        | - 3 | 0        |  | X 43         | \$     | <u>OR</u> | X 86         | \$ 0   |
| * If the difference in Col. 1 is less than "0", enter "0" in Col. 2. |          |     |          |  | TOTAL        | \$ *** |           | TOTAL        | \$ 824 |

The Commissioner is authorized to charge the filing fee of \$824.00 and the assignment recordal fee of \$40.00 to Harris Corporation Deposit Account No. 08-0870.

The Commissioner is authorized to charge or credit any discrepancies in fee amounts to Harris Corporation Deposit Account No. 08-0870.

**PLEASE ADDRESS ALL CORRESPONDENCE TO ATTORNEY OF RECORD: CHRISTOPHER F. REGAN**

Please associate this application with Customer No. 27975.



27975

PATENT TRADEMARK OFFICE

JOHN F. WOODSON, II  
Reg. No. 45,236

April 21, 2004  
Date